

General Environmental Incident Summary

Incident: 4125

Notice: 6/11/2016 1145

Occurred: 6/11/2016 0530

DEM Incident No:

No Further Action: ☒

Responsible Party: City of Bismarck

County: Burleigh

Twp Rng Sec Qtr: 139 80 31

Lat Long + Method: 46.81247 -100.82050 Interpolation from map

Location Description: Bismarck Water Treatment Plant, 615 River Road, PO Box 5503, Bismarck ND 58506.

Submitted By Info: Brian Young
City of Bismarck - Water Plant Superintendent
615 River Rd
PO Box 5503
Bismarck ND 58506

Received By Info:

Contact Info: Brian Young
615 River Road
PO Box 5503
Bismarck ND 58506

Affected Medium: 02 - water

Near. Occupied Bldg: 0.25 Miles

Type of Incident: Tank Overflow

Release Contained: Yes

Reported to NRC: Unknown

Contaminant: Slaked Lime Solids

Volume of Release: 50000 gallons

Duration of Release: 4 hours

Agriculture Related: No

EPA Extremely Hazardous Substance: No

Number of Fatalities: 0

Number of Injuries: 0

Cause of Incident:

2 - Lime Solids Thickener's Overflowed.

Risk Evaluation:

Unknown

Potential Env. Impacts:

The lime solids went into the Missouri River. Unknown impacts?

Action Taken/Planned:

Closed valves from Missouri River to Water Plant to stop leak from going into Missouri River. Started up Lime Sludge Press and started removing solids from thickeners.

Future plans - we will evaluate our operation and how we are currently handling our lime solids and look at options to improve our process's.

Wastes Disposal Location:

Other Agencies Involved:

Updates

Date: 6/11/2016 **Status:** Reviewed - Assigned to NDDEQ Division

Author: O'Gorman, Brian

Notes:

According to the report, 50,000 gallons of lime sludge was released into the Missouri River from the water treatment plant. More follow-up needed.

Updated Volume: None at the time of this update

Date: 6/11/2016 **Status:** Inspection

Author: O'Gorman, Brian

Notes:

Arrived on location at 13:15. Met with the treatment plant supervisor who directed me to the release location and discussed how the incident occurred and what they did after the release had been discovered. Walked down to the river and observed the river. It appeared that the lime sludge had moved downstream and diluted with the river water. An area approximately 200 feet in length along the east bank and nearest the release showed some slight discoloration. The plant supervisor conducted a pH test at the release location and reported that the results were 8.23, basically background readings for the river.

Updated Volume: None at the time of this update

Date: 6/13/2016 **Status:** Reviewed - Assigned to NDDEQ Division

Author: Haroldson, Marty

Notes:

NDPDES Program staff conducted an inspection of the water treatment plant and bypass. The inspection and bypass report can be found in the NDPDES database under permit number ND0000361.

Updated Volume: None at the time of this update